



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/696,909
Source: IFW
Date Processed by STIC: 12/9/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/696,909

DATE: 12/09/2004

TIME: 14:57:26

Input Set : A:\-58-2.app

Output Set: N:\CRF4\12092004\J696909.raw

3 <110> APPLICANT: Lorens, James B.
 4 Atchison, Robert E.
 5 Friera, Anabella
 6 Holland, Sacha
 7 Rigel Pharmaceuticals, Inc.
 9 <120> TITLE OF INVENTION: Modulators of Angiogenesis and Tumorigenesis
 11 <130> FILE REFERENCE: 021044-005820US
 13 <140> CURRENT APPLICATION NUMBER: US 10/696,909
 14 <141> CURRENT FILING DATE: 2003-10-29
 16 <150> PRIOR APPLICATION NUMBER: US 60/512,251
 17 <151> PRIOR FILING DATE: 2003-10-17
 19 <150> PRIOR APPLICATION NUMBER: US 60/421,989
 20 <151> PRIOR FILING DATE: 2002-10-29
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 29 <213> ORGANISM: Artificial Sequence
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 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Axl
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 60 <223> OTHER INFORMATION: AXL receptor tyrosine kinase (AXL), transcript
 61 variant 1 cDNA
 63 <400> SEQUENCE: 3

Does Not Comply
Corrected Diskette Needed

see P. 6, too
What is the source of the genetic material? Give the source.

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150 <210> SEQ ID NO: 4

151 <211> LENGTH: 894

152 <212> TYPE: PRT

153 <213> ORGANISM: Homo sapiens

155 <220> FEATURE:

156 <223> OTHER INFORMATION: AXL receptor tyrosine kinase (AXL), isoform 1; AXL
 157 transforming sequence/gene; oncogene AXL

159 <400> SEQUENCE: 4

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164             20             25             30
166 Glu Glu Ser Pro Phe Val Gly Asn Pro Gly Asn Ile Thr Gly Ala Arg
167           35           40           45

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173 65      70      75      80
175 Ser Thr Gln Thr Gln Val Pro Leu Gly Glu Asp Glu Gln Asp Asp Trp
176      85      90      95
178 Ile Val Val Ser Gln Leu Arg Ile Thr Ser Leu Gln Leu Ser Asp Thr
179      100      105      110
181 Gly Gln Tyr Gln Cys Leu Val Phe Leu Gly His Gln Thr Phe Val Ser
182      115      120      125
184 Gln Pro Gly Tyr Val Gly Leu Glu Gly Leu Pro Tyr Phe Leu Glu Glu
185      130      135      140
187 Pro Glu Asp Arg Thr Val Ala Ala Asn Thr Pro Phe Asn Leu Ser Cys
188 145      150      155      160
190 Gln Ala Gln Gly Pro Pro Glu Pro Val Asp Leu Leu Trp Leu Gln Asp
191      165      170      175
193 Ala Val Pro Leu Ala Thr Ala Pro Gly His Gly Pro Gln Arg Ser Leu
194      180      185      190
196 His Val Pro Gly Leu Asn Lys Thr Ser Ser Phe Ser Cys Glu Ala His
197      195      200      205
199 Asn Ala Lys Gly Val Thr Thr Ser Arg Thr Ala Thr Ile Thr Val Leu
200      210      215      220
202 Pro Gln Gln Pro Arg Asn Leu His Leu Val Ser Arg Gln Pro Thr Glu
203 225      230      235      240
205 Leu Glu Val Ala Trp Thr Pro Gly Leu Ser Gly Ile Tyr Pro Leu Thr
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208 His Cys Thr Leu Gln Ala Val Leu Ser Asp Asp Gly Met Gly Ile Gln
209      260      265      270
211 Ala Gly Glu Pro Asp Pro Pro Glu Glu Pro Leu Thr Ser Gln Ala Ser
212      275      280      285
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215      290      295      300
217 Tyr His Ile Arg Val Ala Cys Thr Ser Ser Gln Gly Pro Ser Ser Trp
218 305      310      315      320
220 Thr His Trp Leu Pro Val Glu Thr Pro Glu Gly Val Pro Leu Gly Pro
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233 385      390      395      400
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Output Set: N:\CRF4\12092004\J696909.raw

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254          500          505          510
256 Leu Asn Ser Leu Gly Ile Ser Glu Glu Leu Lys Glu Lys Leu Arg Asp
257          515          520          525
259 Val Met Val Asp Arg His Lys Val Ala Leu Gly Lys Thr Leu Gly Glu
260          530          535          540
262 Gly Glu Phe Gly Ala Val Met Glu Gly Gln Leu Asn Gln Asp Asp Ser
263 545          550          555          560
265 Ile Leu Lys Val Ala Val Lys Thr Met Lys Ile Ala Ile Cys Thr Arg
266          565          570          575
268 Ser Glu Leu Glu Asp Phe Leu Ser Glu Ala Val Cys Met Lys Glu Phe
269          580          585          590
271 Asp His Pro Asn Val Met Arg Leu Ile Gly Val Cys Phe Gln Gly Ser
272          595          600          605
274 Glu Arg Glu Ser Phe Pro Ala Pro Val Val Ile Leu Pro Phe Met Lys
275          610          615          620
277 His Gly Asp Leu His Ser Phe Leu Leu Tyr Ser Arg Leu Gly Asp Gln
278 625          630          635          640
280 Pro Val Tyr Leu Pro Thr Gln Met Leu Val Lys Phe Met Ala Asp Ile
281          645          650          655
283 Ala Ser Gly Met Glu Tyr Leu Ser Thr Lys Arg Phe Ile His Arg Asp
284          660          665          670
286 Leu Ala Ala Arg Asn Cys Met Leu Asn Glu Asn Met Ser Val Cys Val
287          675          680          685
289 Ala Asp Phe Gly Leu Ser Lys Lys Ile Tyr Asn Gly Asp Tyr Tyr Arg
290          690          695          700
292 Gln Gly Arg Ile Ala Lys Met Pro Val Lys Trp Ile Ala Ile Glu Ser
293 705          710          715          720
295 Leu Ala Asp Arg Val Tyr Thr Ser Lys Ser Asp Val Trp Ser Phe Gly
296          725          730          735
298 Val Thr Met Trp Glu Ile Ala Thr Arg Gly Gln Thr Pro Tyr Pro Gly
299          740          745          750
301 Val Glu Asn Ser Glu Ile Tyr Asp Tyr Leu Arg Gln Gly Asn Arg Leu
302          755          760          765
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305          770          775          780
307 Cys Trp Glu Leu Asn Pro Gln Asp Arg Pro Ser Phe Thr Glu Leu Arg
308 785          790          795          800
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313 Asp Glu Ile Leu Tyr Val Asn Met Asp Glu Gly Gly Gly Tyr Pro Glu
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/696,909

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FYI

Input Set : A:\-58-2.app
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:22; N Pos. 528,561
Seq#:42; N Pos. 353,445

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/696,909

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Input Set : A:\-58-2.app

Output Set: N:\CRF4\12092004\J696909.raw

L:1797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:480
M:341 Repeated in SeqNo=22
L:3454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:300
M:341 Repeated in SeqNo=42